

Substitute for Form 1449 A & B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				<i>Hidy</i>	<i>Complete if Known</i>	
				Application Number	To Be Assigned (CIP of International Appln. No. PCT/JP02/01518)	
				Confirmation Number	To Be Assigned	
				Filing Date	August 21, 2003	
				First Named Inventor	Takayuki ARAKI	
				Art Unit	To Be Assigned 1713	
				Examiner Name	To Be Assigned H. Hy	
				Attorney Docket Number	Q76963	
Sheet		1	of	8		

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	
		Number	Kind Code <sup>2</sup> (if known)			
H. Hy		US 3,414,549		12-03-1968	SCHAEFGEN	
H. Hy		US 3,391,119		07-02-1968	ANDERSON	
		US				
		US				
		US				
		US				
		US				

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
H. Hy		JP	2002-90996		03-27-2002	ASAHI GLASS CO., LTD.	
		JP	5-238988		09-17-1993	SHIN-ETSU CHEMICAL CO., LTD.	
✓		WO	00/67072	A1	11-09-2000	E.I. DU PONT DE NEMOURS AND COMPANY	

NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.				Translation <sup>6</sup>
H. Hy		International Preliminary Examination Report for PCT/JP/01518 (Japanese language)				
H. Hy		International Search Report for PCT/JP/01518 dated June 4, 2002				

Examiner Signature	<i>J. Hy</i>	Date Considered	1-10-06
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.

Substitute for Form 1449 A & B/PTO		<i>Complete if Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/644,953
		Confirmation Number	6799
		Filing Date	August 21, 2003
		First Named Inventor	Takayuki ARAKI
		Art Unit	1713
		Examiner Name	To Be Assigned H.H.
		Attorney Docket Number	Q76963

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hhd		English language translation of International Preliminary Examination Report for PCT/JP02/01518 dated March 4, 2003		

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(use as many sheets as necessary)		Confirmation Number	6799
		Filing Date	August 21, 2003
		First Named Inventor	Takayuki ARAKI
		Art Unit	1713
		Examiner Name	Henry S. Hu
		Attorney Docket Number	Q76963

## **U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
LJLJ		US 3,362,985		01-09-1968	GILBERT et al.
		US			

## FOREIGN PATENT DOCUMENTS

## **NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
<i>HP</i>		M. NAKAMURA et al.; "Liquid Separation with Fluorinated Polymer Membranes"; Journal of Membrane Science, Vol.. 36, March 1988, pp. 343-351	
		PATENT ABSTRACTS OF JAPAN; Vol. 012, No. 037, 4 February 1988 & JP 62 186907 A (Agency of Ind Science & Techol), 15 August 1987 (1987-08-15)	
		Database WPI, Section Ch, Week 198444, Derwent Publications Ltd., London, GB; Class E16, AN 1984-272818, XP002352524 & JP 59 167533 A (ASAHI GLASS CO LTD) 21 September 1984 (1984-09-21)	
		Konrad VON WERNER et al.; "The Synthesis and Some Reactions of Pentafluoroethyl Vinyl Ketone"; Journal of Fluorine Chemistry, Vol. 10, 1977, pp. 387-394, XP-002351940	
		B.C. ANDERSON; "A Synthesis of Perfluoroalkyl Trifluorovinyl Ketones"; The Journal of Organic Chemistry, Vol. 33, No. 3, March 1968, pp. 1016-1018, XP-002351941	
<i>✓</i>		M. TORDEUX et al.; "Synthese de la Trifluoromethyl-vinyl-cetone"; Journal of Fluorine Chemistry, Vol. 20, 1982, pp. 301-306, XP-002351942	

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